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DIRECT TESTIMONY

OF

DAVID A. LAVIGNE

ON BEHALF OF

SOUTH CAROLINA ELECTRIC & GAS COMPANY

DOCKET NO. 97-004-E

S.C. PUBLIC SERVICE COMMISSION
RECEIVED
MAR 26 1997

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UTILITY DEPARTMENT

Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS AND POSITION
WITH SOUTH CAROLINA ELECTRIC AND GAS COMPANY (SCE&G).

A. My name is David A. Lavigne. My business address is
Post Office Box 88, Jenkinsville, South Carolina. I am
employed by SCE&G as the General Manager, Nuclear
Support Services at the Virgil C. Summer Nuclear
Station (VCSNS).

Q. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND
PROFESSIONAL EXPERIENCE.

A. I have a B. S. Degree in Management from the University
of South Carolina. I possess a Senior Reactor Operator
Certification. I spent six years in the Navy Nuclear
Power Program including assignment on a nuclear
submarine. I have been employed by SCE&G since January
1977. I have held positions of Quality Assurance
Specialist; Associate Manager, Quality Assurance;

RETURN DATE: _____
SERVICE: OK

1 Manager Nuclear Quality Control; Manager, Materials and
2 Procurement; General Manager, Nuclear Safety; and have
3 held my present position of General Manager, Nuclear
4 Support Services, since January 1994. In this position
5 I am responsible for Nuclear Licensing and Operating
6 Experience activities, the major quality and technical
7 overview activities for the safe operation of V. C.
8 Summer Nuclear Station, physical security
9 and emergency planning of the station, Nuclear and
10 Craft Training, and the facilities and administrative
11 organizations.

12 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

13 A. The purpose of my testimony is to review the operating
14 performance of the VCSNS during the period March 1,
15 1996 to February 28, 1997.

16 **Q. WHAT ARE YOUR MAJOR OBJECTIVES IN THE OPERATION OF THE**
17 **VCSNS?**

18 A. At the VCSNS we strive to maintain the highest level of
19 performance consistent with maximum safety
20 consideration. Our corporate mission, with respect to
21 all plants, is safe, reliable, efficient operation. We
22 emphasize safety continuously and, to that end, we meet
23 or exceed all Nuclear Regulatory Commission
24 requirements and Institute of Nuclear Power Operations
25 standards.

1 Q. WHAT HAS BEEN THE COMPANY'S EXPERIENCE WITH THE
2 PERFORMANCE OF THE VIRGIL C. SUMMER NUCLEAR STATION?

3 A. The VCSNS has performed extremely well during the
4 period of March 1, 1996 to February 28, 1997. During
5 this period, the unit capacity factor was 88.05
6 percent. The unit availability was 89.175 percent and
7 the forced outage rate was 0 percent.

8 Q. WERE THERE ANY SCHEDULED OUTAGES OR POWER REDUCTIONS
9 DURING THE PERIOD OF MARCH 1, 1996 THROUGH FEBRUARY 28,
10 1997?

11 A. There was a scheduled refueling outage from April 15,
12 1996 to May 20, 1996. Two scheduled periods of
13 continued operation at reduced power during this period
14 were September 14, 1996 to September 15, 1996, to
15 replace an EHC power supply and one reactor coolant
16 flow transmitter, and November 5, 1996 to November 7,
17 1996, to repair the main generator exciter.

18 Q. WHAT IS THE STATUS OF THE PLANT?

19 A. The plant is on-line at 100% power.

20 Q. WHEN IS REFUEL 10 TO BE SCHEDULED?

21 A. October 4, 1997

22 Q. WHAT IS YOUR CURRENT RATING BY THE NUCLEAR REGULATORY
23 COMMISSION AND THE INSTITUTE OF NUCLEAR POWER OPERATIONS?

24 A. The Systematic Assessment of Licensee Performance
25 system (SALP) is an NRC program used to periodically

1 measure how well a Licensee is implementing NRC
2 regulations. The results are provided in numeric form
3 with a 1.0 as the best grade. The SALP assesses a
4 Licensee's performance in four areas: maintenance,
5 operations, engineering, and plant support. The Nuclear
6 Regulatory Commission (NRC) completed a comprehensive
7 review of the V. C. Summer Nuclear Station in
8 November 1996. We received an overall grade of 1.25 in
9 the report dated December 6, 1996. A 2.0 was received
10 in the area of plant support which has been contested
11 by SCE&G. We are awaiting the results of the NRC re-
12 evaluation.

13 **Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

14 **A Yes**